



Ohio Environmental
Protection Agency

Division of Air Pollution Control

SEND TO: Ohio EPA DAPC, Central District Office
50 West Town St., 5th Floor
P.O. Box 1049
Columbus, OH 43216-1049

Annual Permit Evaluation Report (PER)

Due Date: Feb 15, 2019

Reporting Period: 01/01/2018 - 12/31/2018

Facility Name: Emerald Bioenergy, LLC formerly Ringler Energy, LLC

Facility ID: 0159000407

Facility Address: 2881 CR 156
Cardington, OH 43315

Primary Contact: Alex Ringler
Mailing Address: 461 State Route 61
Marengo, OH 43334

Phone: (419)253-5300

E-mail Address:

The facility address information given above was populated by the Ohio Environmental Protection Agency (EPA) most current database of information. If the above information has changed or is incorrect, please indicate the correct information below. You may also complete this PER electronically using the eBusiness Center - Air Services at ebiz.epa.ohio.gov on the Internet.

Indicate changes below.

Facility Name:	Emerald BioEnergy
Facility Address:	2279 Co Rd 156
	Cardington, Ohio 43315
Reason for Facility Address Change:	Incorrect address.
Primary Contact:	
Mailing Address:	PO Box 249
	Delaware, Ohio 43015
Phone Number:	
E-mail Address:	



Division of Air Pollution Control
Annual Permit Evaluation Report (PER)

Table I: Emissions Units with Issued PTIOs

<i>EU ID*</i>	<i>EU Description</i>	<i>Company Equipment ID</i>	<i>Permit Number</i>	<i>PTIO Effective Date</i>
B003	2001 Guascor SI RICE(Output: 1,215 HP; 904 KW and Input: 8.42 MMbtu/hr)	Engine #1	P0125003	11/19/2018
P001	Anaerobic Digester system controlled by flare	P001	P0125003	11/19/2018

* List any additional emissions units (EUs) that have been issued a PTIO that are not included in the list above.

A "Detailed Emissions Unit (EU) Form" (attached) must be submitted for each EU listed in Table I to satisfy PER reporting obligations. **In addition to the PER, please remember that your PTIOs may specify other state or federal reporting requirements or information beyond the questions A or B in the Detailed Emissions Unit Form(s).**

Additional Information and Corrections:

Please list below any additional information you need to communicate with Ohio EPA. At a minimum, identify if you have any EU(s) that were permanently shut down, EU(s) that will not be installed or modified, or EU(s) not in operation during the reporting period. See the "Annual Permit Evaluation (PER) Form FAQs" document for an explanation and additional examples or relevant information.

Report Responsibility:

This PER, including any accompanying information, is required under the authority of the director of the Ohio Environmental Protection Agency. [Ohio Revised Code 3704.03(I)] Failure to submit this PER, including any accompanying information, or falsifying this PER, including any accompanying information, may result in civil or criminal penalties in accordance with applicable state law.

Assistance With This Form:

If you have any questions please see the attached "Annual PER Form FAQs" document or contact the **Office of Compliance Assistance and Pollution Prevention at (800) 329-7518 or Ohio EPA DAPC, Central District Office at (614)728-3778 .**

Detailed Emissions Unit Form(s)

PER Reporting Period: 01/01/2018 - 12/31/2018

Detailed Emissions Unit Form Instructions*:

1. Please complete questions A and B for each emissions unit (EU) that has been issued a PTIO. In addition, either confirm the accuracy of the information provided or change the information accordingly.
 2. If you indicated "yes" for question A or B, for each deviation or exceedance that occurred during the reporting period, please provide an attachment with the following information:
 - a. EU ID;
 - b. dates and/or duration;
 - c. description of deviation or exceedance including probable cause;
 - d. description of corrective action(s) if taken; and
 - e. if no corrective action(s) were taken, then why not?
 3. If applicable, for each visible emission (VE) incident that occurred during the reporting period, please provide an attachment with the following information:
 - a. EU ID;
 - b. dates and/or duration; and
 - c. additional information as required per the applicable PTIO.
- * For further explanation, or if you have any questions, please see the attached "Annual PER Form FAQs" document or contact the **Office of Compliance Assistance and Pollution Prevention at (800) 329-7518** or **Ohio EPA DAPC, Central District Office at (614)728-3778**.

PER Detailed EU Form

EU ID: B003

Facility ID: 0159000407

EU Description: 2001 Guascor SI RICE(Output: 1,215 HP; 904 KW and Input: 8.42 MMbtu/hr)

Please provide date below if not present.

Completion of initial installation date:	06/01/2013
Begin installation/modification date:	06/01/2013
Commence operation after installation or latest modification date:	06/01/2013

Were there any deviations or exceedances from the following PTIO requirements?

- A. Operational restrictions or emission limitations? Yes___ No X
- B. Monitoring, record keeping, or reporting requirements? Yes___ No X
- C. If "Yes" for A or B above, then submit the appropriate information as specified in the Detailed Emissions Unit Form Instructions #1 and #2 above. If any visible emission incident occurred during the reporting period, then submit the appropriate information as specified in #3.
- D. In the applicable PTIO, are there additional reporting requirements for this EU that need to be met in this PER? If "yes", please include the information in the "Additional Information and Corrections" section of this PER. Yes___ No X

PER Detailed EU Form

EU ID: P001

Facility ID: 0159000407

EU Description: Anaerobic Digester system controlled by flare

Please provide date below if not present.

Completion of initial installation date:	08/01/2012
Begin installation/modification date:	06/01/2013
Commence operation after installation or latest modification date:	06/01/2013

Were there any deviations or exceedances from the following PTIO requirements?

- A. Operational restrictions or emission limitations? Yes___ No X
- B. Monitoring, record keeping, or reporting requirements? Yes___ No X
- C. If "Yes" for A or B above, then submit the appropriate information as specified in the Detailed Emissions Unit Form Instructions #1 and #2 above. If any visible emission incident occurred during the reporting period, then submit the appropriate information as specified in #3.
- D. In the applicable PTIO, are there additional reporting requirements for this EU that need to be met in this PER? If "yes", please include the information in the "Additional Information and Corrections" section of this PER. Yes___ No X